



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 450 MHz LC High Pass Filter

Part Number: AE450LH9958



### Electrical specifications

**Cutoff Frequency:** 450 MHz

**Passband:** 450 – 6000 MHz

**Passband Insertion Loss:** 3.0 dB Max (1.0 dB Goal)

**Passband Return Loss:** 20 dB Min (Goal)

**Rejection:** 60 dB Min @ DC – 400 MHz

**Impedance:** 50 Ohms In/Out

**Power Handling:** -30 W CW

### Mechanical

**Connector Type:** SMA (F)

**Dimensions:** Approx. 2.5 x 0.65 x 0.65 in

### Environmental

**Operating Temperature:** -35°C to +70°C

**Storage Temperature:** -40°C to +90°C

**Shock:** 10 G. 11ms

**Vibration:** 10 G. 5 to 2000Hz

**Outline Drawing:**

**Approximate size is 2.5 x 0.65 x 0.65 inches.**

DS-LH995-06182024-Rev0



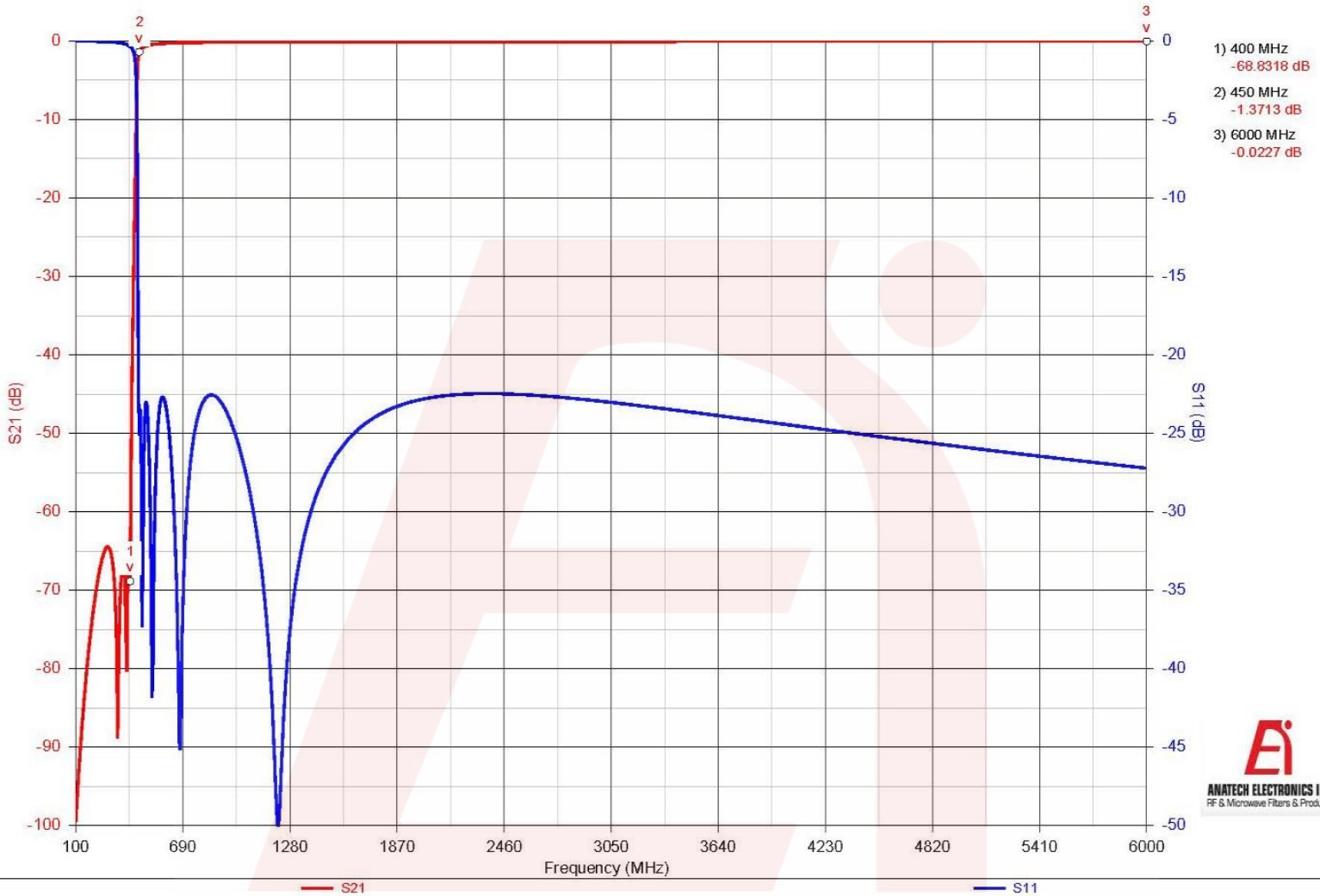
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## Simulation Plot:



**Note:** This is a simulation plot. Actual results may differ once the product is implemented.

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